

REMARKS

Please reconsider the application in view of the above amendments and the following remarks. Applicant thanks the Examiner for carefully considering this application.

Disposition of Claims

Claims 23-25, 28-33, and 36-51 are pending in this application. Claims 23, 31, 36, 44, and 47 are independent. The remaining claims depend, directly or indirectly, from claims 23, 31, 36, 44, and 47.

Rejection(s) under 35 U.S.C § 103

Claims 23-51 stand rejected under 35 U.S.C. § 103 (a) as obvious over U.S. Patent 6,317,786 (“Yamane”) in view of U.S. Patent Application Publication No. 2002/0083217 (“Ward”). Claims 23, 31, 36, 44, and 47 have been amended to include the limitation “wherein the collected data comprises at least session data associated with the transaction.” Support for this limitation may be found, for example, in paragraph [0072] and in Table 1 of the Specification (paragraph references obtained from corresponding Patent Application Publication). Further, claims 24, 32, 37, 45, and 48 have been amended to clarify dependent claims in view of the amendment to the corresponding independent claims.

In addition, claims 28 and 42 have been amended to clarify that the system includes “a directory for storing the collected data, *wherein the collected data is stored on a per-transaction basis.*” Support for this amendment may be found, for example, in

Figures 2-7 of the Instant Specification. To the extent that this rejection may still apply to the amended claims, the rejection is respectfully traversed.

Claim 23, as amended, is directed to a system for monitoring data flow in a web application hosted on a server. More specifically, claim 23 recites a data collector that intercepts *transactions*. In particular, the data collector intercepts transactions by intercepting an HTTP request and a corresponding HTTP response. The data collector includes a process that uses hooks to intercept the transactions. Further, the hooks are *embedded* in at least one selected from the group consisting of the server and a server plug-in application configured to execute on the server. Further, the collected data includes session data associated with the transaction.

As described in the specification, a session “allows the server to maintain state between different HTTP requests. The HTTP server knows which session to associate with the request because the browser sends the session ID as part of the request. This can either be done with a cookie or by adding a parameter to the request URL.” (Instant Specification, Paragraph [0021]). The session data may include, for example, whether the session existed before the transaction, the attributes associated with the transaction, the session properties, etc. (*See e.g.*, Table 1 and Figure 6 of the Instant Specification).

Yamane discloses a system for recording individual web page requests, via an agent (106) using a shared memory channel (138). However, Yamane does not disclose or suggest recording a complete transaction (*i.e.*, an HTTP request and a corresponding HTTP response). The Examiner has asserted that Yamane does teach recording a complete transaction citing Yamane at Col 4. ll. 31-65. The aforementioned section Yamane merely *defines* what a session is and fails to teach or suggest recording a

complete transaction or session data associated with the transaction.

Further, Yamane only discloses collecting information about each web request (Yamane, Table 3) and Host Configuration Information (Yamane, Table 1). However, Yamane does not teach or suggest collecting information about transactions or information corresponding to the session associated with the transaction. Moreover, Yamane does not disclose or suggest any functionality that would enable entire transactions to be recorded.

In addition, Ward discloses a system and method for accessing a graphics system for graphics application evaluation and control. However, Ward fails to disclose or teach the limitations of amended independent claim 23 of the present application not taught by Yamane. Specifically, Ward does not teach or suggest monitoring HTTP transactions nor does Ward teach collecting information corresponding to the session associated with the transaction.

In view of the above, Yamane and Ward, whether considered in combination or separately, fail to show or suggest the present invention as recited in independent claim 23 of the present application. Thus, the independent claim 23 is patentable over Yamane and Ward. Further, independent claims 31, 36, 44, and 47, as amended, include at least the same patentable subject matter as amended independent claim 23, and thus are patentable over Yamane for at least the same reasons discussed above with respect to amended independent claim 23. Dependent claims are allowable for at least the same reasons.

Further, dependent claims 28 and 42 have been amended to include the limitation “a directory for storing the collected data, *wherein the collected data is stored on a per-*

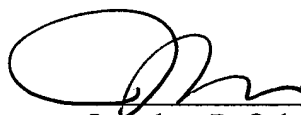
transaction basis.” The Applicant respectfully asserts that neither Yamane nor Ward teach the aforementioned limitation. In addition, the Applicant respectfully asserts that while the database (112) in Figure 1 of Yamane stores data associated with individual HTTP requests (as asserted by the Examiner in the Office Action mailed July 21, 2004, p. 6), Yamane does not teach or suggest storing the data on a *per-transaction basis*. Accordingly, dependent claims 28 and 42 are also patentable on the basis of the aforementioned limitation. In view, withdrawal of this rejection is respectfully requested.

Conclusion

Applicant believes this reply is fully responsive to all outstanding issues and places this application in condition for allowance. If this belief is incorrect, or other issues arise, the Examiner is encouraged to contact the undersigned or his associates at the telephone number listed below. Please apply any charges not covered, or any credits, to Deposit Account 50-0591 (Reference Number 16159.002001; P5561).

Respectfully submitted,

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